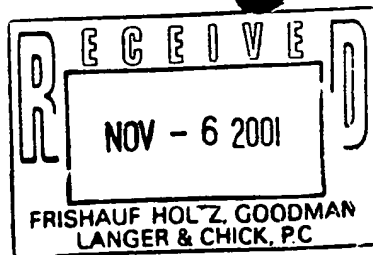


Schlumberger Systèmes
Test & Transactions
Intellectual Property Department

50, avenue Jean Jaurès, BP 620 12
92542 Montrouge Cedex, France
Phone: (33 (0)1 47 46 40 98
Fax: (33 (0)1 47 46 63 00)



Schlumberger

Eric GERBAULT
6 rue de la Citadelle
94230 Cachan

A Montrouge, le 28 août 2001

Nos Réf. : 76.0529 US

"Device and method for making an integrated circuit secure."

Monsieur,

Le brevet ci-dessus mentionné dont vous êtes l'inventeur, a été déposé aux Etats-Unis.

Pour poursuivre la procédure, nous avons besoin de votre signature sur les documents ci-joint.

Merci de bien vouloir nous les retourner dans les meilleurs délais en utilisant l'enveloppe réponse ci-jointe.

Veuillez agréer, Monsieur, nos salutations distinguées.

A handwritten signature in dark ink, appearing to read "Mlle DIA'ITA Sophie".

Mlle DIA'ITA Sophie
Assistante de Gérard den Braber
IP Manager Cards
Tel.: 01 47 46 48 98

PTO/SB/01 (03-01)

Approved for use through 10/31/2002. OMB 0651-0032

U.S. Patent and Trademark Office, U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

DECLARATION FOR UTILITY OR DESIGN PATENT APPLICATION (37 CFR 1.63)

☐ Declaration
Submitted
with Initial
Filing

OR

☒ Declaration
Submitted after Initial
Filing (surcharge
(37 CFR 1.16 (e))
required)

Attorney Docket Number 01245 / TL

First Named Inventor GERDAULT

COMPLETE IF KNOWN

Application Number 09 / 830, 378

Filing Date April 29, 2001

Group Art Unit

Examiner Name

As a below named inventor, I hereby declare that:

My residence, mailing address, and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

Device and method for making an integrated circuit secure.

(Title of the invention)

the specification of which

☐ is attached hereto

OR

☒ was filed on (MM/DD/YYYY)

04/ 29/ 2001

as United States Application Number or PCT International

Application Number 09/ 830, 378

and was amended on (MM/DD/YYYY)

(if applicable).

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment specifically referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application.

I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or (f), or 365(b) of any foreign application(s) for patent, inventor's or plant breeder's rights certificate(s), or 365(e) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent, inventor's or plant breeder's rights certificate(s), or any PCT international application having a filing date before that of the application on which priority is claimed.

Prior Foreign Application Number(s)	Country	Foreign Filing Date (MM/DD/YYYY)	Priority Not Claimed	Certified Copy Attached?	
				YES	NO
98/ 13606	France	10/ 29/ 1998	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

☐ Additional foreign application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto:

[Page 1 of 2]

Random Hour Statement: This form is estimated to take 21 minutes to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEE OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

PTO/SB/01 (03-01)

Approved for use through 10/31/2002. OMB 0851-0032

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

DECLARATION — Utility or Design Patent Application

Direct all correspondence to: <input type="checkbox"/>		Customer Number or Bar Code Label <input type="text"/>		OR <input type="checkbox"/> Correspondence address below	
Name					
Address					
City		State		ZIP	
Country		Telephone		Fax	
I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.					
NAME OF SOLE OR FIRST INVENTOR :				<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (First and middle (if any))		Eric.		Family Name or Surname	
				GERBAULT	
Inventor's Signature				Date	
Residence: City		Cachan		State	
				France	
				Country	
				Citizenship	
				French	
Mailing Address					
50, Avenue Jean Jaurès - B.P. 620-12					
City		Montrouge Cedex		State	
				ZIP	
				92547	
				Country	
				France	
NAME OF SECOND INVENTOR:				<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (First and middle (if any))		Family Name or Surname			
Inventor's Signature				Date	
Residence: City		State		Country	
				Citizenship	
Mailing Address					
City		State		ZIP	
				Country	
<input type="checkbox"/> Additional inventors are being named on the _____ supplemental Additional Inventor(s) sheet(s) PTO/SB/02A attached hereto.					

Please type a plus sign (+) inside this box → ☐

PTO/SB/61 (02-01)

Approved for use through 10/31/2002. OMB 0851-0035

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

**POWER OF ATTORNEY OR
AUTHORIZATION OF AGENT**

Application Number	09/ 830, 378
Filing Date	April 29, 2001
First Named Inventor	Eric GERBAULT
Title	Device and method for
Group Art Unit	
Examiner Name	
Attorney Docket Number	01245/11.

I hereby appoint:

☒ Practitioners at Customer Number

OR

☐ Practitioner(s) named below:

Name	Registration Number

Place Customer
Number Bar Code
Label here

as my/our attorney(s) or agent(s) to prosecute the application identified above, and to transact all business in the United States Patent and Trademark Office connected therewith.

Please change the correspondence address for the above-identified application to:

☐ The above-mentioned Customer Number.

OR

☐ Practitioners at Customer Number

OR

Place Customer
Number Bar Code
Label here☐ Firm or
Individual Name

Address

Address

City

State

Zip

Country

Telephone

Fax

I am the:

☒ Applicant/Inventor.☐ Assignee of record of the entire interest. See 37 CFR 3.71.
Statement under 37 CFR 3.73(b) is enclosed. (Form PTO/SB/96).**SIGNATURE of Applicant or Assignee of Record**

Name

Eric GERBAULT

Signature

Date

NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required, see below.

☐ Total of 1 forms are submitted.

Burden Hour Statement: This form is estimated to take 3 minutes to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEE OR COMPLETED FORMS TO THIS ADDRESS SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

US Attorney Docket No. 01245/TL

Assignee Docket No. 76.0529 US

ASSIGNMENT

In consideration of the premises and other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, the undersigned,

(1) Eric GERBAULT

(2) (4)

(3) (5)

who have made a certain new and useful invention, hereby assign and transfer unto:

Schlumberger Systèmes, a corporation of France (Société Anonyme) having a business address at 50, avenue Jean Jaurès, 92120 Montrouge, France

its successors and assign (hereinafter designated "ASSIGNEE") the entire right, title and interest for the United States of America as defined in 35 U.S.C. 100 in the invention entitled

" DEVICE AND METHOD FOR MAKING AN INTEGRATED CIRCUIT SECURE. "

(a) for which an application for United States Letters Patent was filed on April 29, 2001 and identified by United States Serial No. 09 / 830,378; or

(b) for which an application for United States Letters Patent was executed on _____ and the undersigned hereby authorize and request the United States Commissioner of Patents and Trademarks to issue any and all United States Letters Patent which may be granted therefor and any and all extensions, divisions, reissues, substitutes, renewals or continuations thereof, and the right to all benefits under the International Convention for the Protection of Industrial Property to the said ASSIGNEE, for its interest as ASSIGNEE, its successors, assigns and legal representatives; the undersigned agree that the attorneys of record in said application shall hereafter act on behalf of said ASSIGNEE;

AND the undersigned hereby agree to transfer a like interest, and to render all necessary assistance in making application for and obtaining original, divisional, reissued or extended Letters Patent of the United States, upon request of the said ASSIGNEE, its successors, assigns and legal representatives, and to execute any papers by the said ASSIGNEE, its successors, assigns and legal representatives, deemed essential to ASSIGNEE's full protection and title in and to the invention hereby assigned.

SIGNED on the dates indicated aside our signatures:

INVENTOR

SIGNATURE

DATE

Eric GERBAULT

Schlumberger Sema
Intellectual Property Department

50, avenue Jean Jaurès, BP 620-12
92542 Montrouge Cedex, France
Phone: +33 (0) 1 46 00 48 98
Fax: +33 (0) 1 46 00 63 08

Schlumberger Sema

DECLARATION OF FACTS

I, the undersigned, Sophie DIAI I A, herewith declare the following:

I am the assistant of Gérard den Braber acting as IP Manager for the smart cards activities of the Schlumberger Group. Gérard den Braber in his capacity as IP Manager is responsible for the prosecution of all patent applications filed for the invention of Mr. Eric GERBAULT that has been assigned the Schlumberger invention file number 76.0529.

Gérard den Braber instructed me to prepare and send to Mr Eric GERBAULT a declaration of the inventor and an assignment for the US National Phase application of the international application PCT/FR99/02639, which received US Serial Number 09/830,378.

I checked whether Mr. Eric GERBAULT was still employed by the Schlumberger Group by consulting the personnel directory available on the Schlumberger intranet. Mr. Eric GERBAULT was not listed in the directory, so I concluded that he had left the Schlumberger Group.

On April 19, 2001, I sent a letter enclosing a declaration of the inventor and an assignment to the following address specified in our patent database system at that time.

23-25 avenue de Fontainebleau
94270 Le Kremlin Bicêtre

The letter was returned to me by the Post Office as undeliverable.

On June 20, 2001, I sent a registered letter containing the declaration of the inventor and the assignment to the following address, which was given to me by the personnel department that was responsible for Mr. Eric GERBAULT in his last position within the Schlumberger Group.

6, Rue de la Citadelle
94230 Cachan

The personnel department confirmed that Mr. Eric GERBAULT had left the company. I did not receive any notification of delivery of this letter.

I consulted the white pages and the equivalent thereof on the Internet to find Mr. Eric GERBAULT's telephone number. There was no mention of any Mr. Eric GERBAULT under the address found in the patent database or under the one given to me by the personnel department.

On August 28, 2001, I sent a second registered letter containing the declaration of the inventor and the assignment to the address, which was given to me by the personnel department. I received a notification of delivery of this letter that was signed by Mr. Eric GERBAULT, but to date I have received no reply whatsoever from him.



Sophie DIXIT
Assistant of Gérard den Brabor

October 31, 2001

The Schlumberger logo, consisting of the word "Schlumberger" in a bold, sans-serif font, enclosed within a rectangular border.

A Eric GERBAULT

Le 29 septembre 1998

De Anne DANG TRAN

Dossier : 76-0529

Objet : Mémoire descriptif d'invention

Nous avons bien reçu le 15 Juillet 1998 votre mémoire de description d'une invention intitulée :

"Secure Code Execution"

et datée du : 15/07/1998.

En conformité avec le code la Propriété Intellectuelle, dont les articles pertinents L.611-7 et 9 et R. 611-1 à 10 sont reproduits au verso, nous classons votre invention dans la catégorie des inventions appartenant à l'employeur, inventions dites "de mission" telles que définies au paragraphe 1 de l'article L.611-7. Il apparaît en effet que vous avez réalisé votre invention dans le cadre de l'exécution d'un contrat de travail comportant une mission inventive.

Nous vous remercions de bien vouloir nous signifier votre accord en nous retournant la présente lettre, revêtue de la mention "lu et approuvé", suivie de votre signature, de la date, et de votre adresse personnelle.

Service de la Propriété Intellectuelle

Mention manuscrite
"lu et approuvé"

Lu et Approuvé

Signature



Date :

27 Octobre 1998

Nom de l'inventeur :

Eric GERBAULT

Adresse personnelle :

6, Rue de la Citadelle
94230 CACHAN

TRANSLATION OF DECLARATION DATED SEPTEMBER 29 SIGNED BY MR ERIC GERBAULT ON OCTOBER 27, 1998

To Eric GERBAULT

September 29, 1998

From Anne DANG TRAN

File: 76-0529

Subject: Invention disclosure

We have well received on the 15th of July 1998 your invention disclosure entitled:

"Secure Code Execution"

and dated: 07/15/1998.

In accordance with the French Intellectual Property Law, of which the relevant articles L.611-7 and 9 and R.611-1 to 10 are printed on the backside, we classify your invention in the category of inventions belonging to the employer, so-called "mission" inventions as defined in paragraph 1 of the article L.611-7. In effect, it is apparent that you have conceived your invention in the framework of the execution of a labor contract that comprises an inventive mission.

We thank you for notifying your approval by returning this letter completed with your mention "read and understood" followed by your signature, the date and your personnel address.

Intellectual Property Department

Handwritten mention "read and understood"

Signature

Date

Name of the inventor

Personnel address

I, GERARD DEN BRABER, DECLARE THAT I AM WELL ACQUAINTED WITH THE FRENCH AND ENGLISH LANGUAGE AND THAT TO THE BEST OF MY KNOWLEDGE THE TRANSLATION IS FAITHFUL.

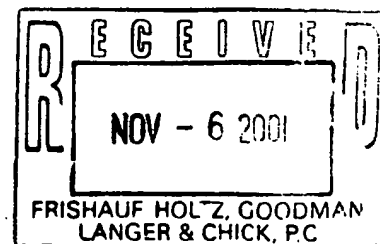


Gérard den Braber.
November 5, 2001.

Schlumberger Systèmes
Test & Transactions
Intellectual Property Department

50, avenue Jean Jaurès, BP 620-12
92542 Montrouge Cedex, France
Phone: +33 (0)1 47 46 48 98
Fax: +33 (0)1 47 46 63 08

Schlumberger



Eric GERBAULT
6 rue de la Citadelle
94230 Cachan

A Montrouge, le 20 juin 2001

Nos Réf. : 76.0529 US

"Device and method for making an integrated circuit secure."

Monsieur,

Le brevet ci-dessus mentionné dont vous êtes l'inventeur, a été déposé aux Etats-Unis.

Pour poursuivre la procédure, nous avons besoin de votre signature sur les documents ci-joint.

Merci de bien vouloir nous les retourner dans les meilleurs délais en utilisant l'enveloppe réponse ci-jointe.

Veuillez agréer, Monsieur, nos salutations distinguées.

OK

Mlle DIATTA Sophie
Assistante de Gérard den Braber
IP Manager Cards
Tel.: 01 47 46 48 98

PTO/SB/01 (03-01)

Approved for use through 10/31/2002. OMD 0651-0032

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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**DECLARATION FOR UTILITY OR
DESIGN
PATENT APPLICATION
(37 CFR 1.63)**Declaration
Submitted
with Initial
Filing

OR

Declaration
Submitted after Initial
Filing (surcharge
(37 CFR 1.16 (e))
required)

Attorney Docket Number

01245 / TL

First Named Inventor

Eric GERBAULT

COMPLETE IF KNOWN

Application Number

09 / 830,378

Filing Date

April 29, 2001

Group Art Unit

Examiner Name

As a below named inventor, I hereby declare that:

My residence, mailing address, and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

Device and method for making an integrated circuit secure

(Title of the invention)

the specification of which



is attached hereto

OR



was filed on (MM/DD/YYYY)

04/29/2001

as United States Application Number or PCT International

Application Number

09/830,378

and was amended on (MM/DD/YYYY)

(if applicable).

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment specifically referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application.

I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or (f), or 365(b) of any foreign application(s) for patent, inventor's or plant breeder's rights certificate(s), or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent, inventor's or plant breeder's rights certificate(s), or any PCT international application having a filing date before that of the application on which priority is claimed.

Prior Foreign Application Number(s)	Country	Foreign Filing Date (MM/DD/YYYY)	Priority Not Claimed	Certified Copy Attached?	
				YES	NO
98/13606	France	10/29/1998	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>



Additional foreign application numbers are listed on a supplemental priority data sheet PTO/SB/02R attached hereto.

[Page 1 of 2]

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PTO/SB/01 (03-01)

Approved for use through 10/31/2002. OMR 0851-0032

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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DECLARATION — Utility or Design Patent ApplicationDirect all correspondence to: ☒ Customer Number or Bar Code Label ☐ OR ☐ Correspondence address below

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City

State

ZIP

Country

Telephone

Fax

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

NAME OF SOLE OR FIRST INVENTOR : ☐ A petition has been filed for this unsigned inventorGiven Name
(first and middle [if any])

Eric

Family Name
or Surname

GERBAULT

Inventor's
Signature

Date

Residence: City

Cachan

State

France
CountryFrance
Citizenship

Mailing Address

50, Avenue Jean Jaures - B.P. 620-12

City

Montrouge Cedex

State

ZIP 92542

Country France

NAME OF SECOND INVENTOR: ☐ A petition has been filed for this unsigned inventorGiven Name
(first and middle [if any])Family Name
or SurnameInventor's
Signature

Date

Residence: City

State

Country

Citizenship

Mailing Address

City

State

ZIP

Country

☐ Additional inventors are being named on the _____ supplemental Additional Inventor(s) sheet(s) PTO/SB/02A attached hereto.

Please type a plus sign (+) inside this box → ☐

PTO/SB/81 (02-01)

Approved for use through 10/31/2002. OMB 0651-0035

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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**POWER OF ATTORNEY OR
AUTHORIZATION OF AGENT**

Application Number	
Filing Date	April 29, 2001
First Named Inventor	Eric GERBAULT
Title	Device and method...
Group Art Unit	
Examiner Name	
Attorney Docket Number	01245/TL

I hereby appoint:

☒ Practitioners at Customer Number

OR

☐ Practitioner(s) named below:

Name	Registration Number

Place Customer
Number Bar Code
Label here

as my/our attorney(s) or agent(s) to prosecute the application identified above, and to transact all business in the United States Patent and Trademark Office connected therewith.

Please change the correspondence address for the above-identified application to:

☐ The above-mentioned Customer Number.

OR

☐ Practitioners at Customer Number

OR

Place Customer
Number Bar Code
Label here☐ Firm or
Individual Name

Address

Address

City

State

Zip

Country

Telephone

Fax

I am the:

☒ Applicant/Inventor.☐ Assignee of record of the entire interest. See 37 CFR 3.71.
Statement under 37 CFR 3.73(b) is enclosed. (Form PTO/SB/96).**SIGNATURE of Applicant or Assignee of Record**

Name

Eric GERBAULT

Signature

Date

NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required, see below.

☐ Total of 1 forms are submitted.

Burden Hour Statement: This form is estimated to take 3 minutes to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEE OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

US Attorney Docket No. 01245/TL

Assignee Docket No. 76.0529 US

ASSIGNMENT

In consideration of the premises and other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, the undersigned,

(1) *Eric GERBAULT*

(2)

(4)

(3)

(5)

who have made a certain new and useful invention, hereby assign and transfer unto:

Schlumberger Systèmes, a corporation of France (Société Anonyme) having a business address at 50, avenue Jean Jaurès, 92120 Montrouge, France

its successors and assign (hereinafter designated "ASSIGNEE") the entire right, title and interest for the United States of America as defined in 35 U.S.C. 100 in the invention entitled

**" DEVICE AND METHOD FOR MAKING AN INTEGRATED CIRCUIT
SECURE."**

(a) for which an application for United States Letters Patent was filed on April 29, 2001 and identified by United States Serial No. 09 / 830, 378; or

(b) for which an application for United States Letters Patent was executed on _____ and the undersigned hereby authorize and request the United States Commissioner of Patents and Trademarks to issue any and all United States Letters Patent which may be granted therefor and any and all extensions, divisions, reissues, substitutes, renewals or continuations thereof, and the right to all benefits under the International Convention for the Protection of Industrial Property to the said ASSIGNEE, for its interest as ASSIGNEE, its successors, assigns and legal representatives; the undersigned agree that the attorneys of record in said application shall hereafter act on behalf of said ASSIGNEE;

AND the undersigned hereby agree to transfer a like interest, and to render all necessary assistance in making application for and obtaining original, divisional, reissued or extended Letters Patent of the United States, upon request of the said ASSIGNEE, its successors, assigns and legal representatives, and to execute any papers by the said ASSIGNEE, its successors, assigns and legal representatives, deemed essential to ASSIGNEE's full protection and title in and to the invention hereby assigned.

SIGNED on the dates indicated aside our signatures:

INVENTOR

SIGNATURE

DATE

Eric GERBAULT